## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("20030185544" "6252629"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/10 07:47
L2	10	("4908707"   "5852478"   "5963264"   "6078348").PN. OR ("6252629").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 07:53
L3	1	("2003199050").PN.	JPO	OR	OFF	2009/09/10 08:18
L4	0	("20030286867").PN.	US-PGPUB	OR	OFF	2009/09/10 08:20
L5	1	("20050286867").PN.	US-PGPUB	OR	OFF	2009/09/10 08:20
L6	1	("20030152360").PN.	US-PGPUB	OR	OFF	2009/09/10 08:39
L7	6	(kita and korehisa).in.	EPO; JPO; DERWENT	OR	OFF	2009/09/10 08:50
L8	1602	(exten\$4 same search same (EPG or IPG or guide or schedul\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:00
L9	753	8 and @ay<"2006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:01
L10	245	l9 and (reserv\$8 or timer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:02
L11	82	l10 and (h04n\$.ipc. or television)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:03
L12	1	"20010021995".pn.	US-PGPUB	OR	ON	2009/09/10 09:10
L13	3270	(reserv\$8 or timer) and (EPG or IPG or guide or schedul\$) and (search\$3 near2 (keyword or text or character))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:38
L14	2551	(reserv\$8 or timer) and (EPG or IPG or guide or schedul\$) and (search\$3 near (keyword or text or character))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:39

L15	1199	I14 and (h04n\$.ipc. or television)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:39
L16	733	I15 and @ay< "2006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:39
L17	318	(reserv\$8 or timer) and ((EPG or IPG or guide or schedul\$) same (search\$3 near (keyword or text or character)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:40
L18	262	I17 and (h04n\$.ipc. or television)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:40
L19	139	118 and @ay< "2006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:40
L20	132	l19 not l11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:41
L21	27	(reserv\$8 or timer) and ((EPG or IPG or guide or schedul\$) same (search\$3 near2 (keyword or text or character))same (exten\$4 or change\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:43
L22	3	(kato).in. and victor.as. and extended and (electronic near program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 09:52
L23	40	(kato).in. and victor.as.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 09:53
S5	38702	("386").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/14 07:49
S6	106207	("369").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/14 07:50
S8	268042	H04n005/\$.1PC.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/14 07:51
S9	388650	S5 or S6 or S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/14 07:51

S65	0	("20070212026.pn.").PN.	USPAT; USOCR	OR	OFF	2009/04/02 10:36
S66	0	("20070212026.pn.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:36
S67	0	("20070212026.pn.").P <b>N</b> .	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:37
S68	1	("20070212026").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:37
S69	0	("(cdorDVDordisc)same(updat \$3near2firmware)").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:47
S70	54	(cd or DVD or disc)same (updat\$3 near2 firmware)	USPAT	OR	OFF	2009/04/02 10:47
S71	5498	video and (cd or DVD or disc) and ((new or upgrad\$ or updat\$3) near2 (software or firmware)) and player	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/02 10:59
S72	63	video same (cd or DVD or disc) same ((new or upgrad\$ or updat\$3) near2 (software or firmware)) same player	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/02 10:59
S73	63	S72 not S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/02 11:00
S74	30	S73 and @ay< "2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/02 11:00
S75	5498	video and (cd or DVD or disc) and ((new or upgrad\$ or updat\$3) near2 (software or firmware)) and player	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 09:14
S76	3054	S75 and @ay< "2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 09:14
S77	408	S76 and h04n\$.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 09:14
S78	5498	video and (cd or DVD or disc) and ((new or upgrad\$ or updat\$3) near2 (software or firmware)) and player	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 12:49
S79	3054	S78 and @ay< "2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 12:49
S80	0	S79 not S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 12:49

S81	2444	S78 not S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 12:50
S82	16	S81 and (disc or dvd).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 12:50
S83	2	"20060215994".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 12:58
S84	548	DVD same ((new or upgrad\$ or updat\$3) near2 (software or firmware))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 13:11
S85	408	S79 and h04n\$.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 13:11
S86	519	S84 not S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 13:11
S87	258	S86 and @ay<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 13:12
S88	1	("6230319" "2003135868"). pn.	US-PGPUB; USPAT	OR	ON	2009/04/03 14:14
S89	1	("6230319" "2003135868"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/03 14:14
S90	2	("6230319" "20030135868"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/03 14:15
S91	1	("20020034145").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/03 14:17
S92	174	disc same ((upgrad\$3 or updat\$3) near2 (software or firmware)) same (area or region)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 14:20
S93	135	S92 and @ay< "2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/03 14:21
S94	1	("2003/0063896").URPN.	USPAT	OR	OFF	2009/04/03 14:35

S95	14	("20010048659"   "20020048241"   "20020114233"   "20030133376"   "20030179675"   "20030223325"   "20040088632"   "20040202057"   "20050013226"   "6154437"   "6407976"   "6445669"   "6469968"   "7009926").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/03 14:47
S96	5	("20010044933"   "20010048659"   "6170043"   "6253281"   "6370444"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/03 14:52
S97	5	("2001/0044933").URPN.	USPAT	OR	OFF	2009/04/03 14:58
S98	9	("20010043353"   "20010044933"   "20030002411"   "5434991"   "5608910"   "5666451"   "5796913"   "5978916"   "6567344").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/03 15:14
S99	606	((updat\$ or up-dat\$ or upgrad\$ or up-grad\$) near (software or program\$ or firmware)) same (DVD or CD or player)	USPAT	OR	OFF	2009/05/11 13:14
S100	2183	((updat\$ or up-dat\$ or upgrad\$ or up-grad\$) near (software or program\$ or firmware)) same (DVD or CD or player)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/11 13:14
S101	28	((updat\$ or up-dat\$ or upgrad\$ or up-grad\$) near (software or program\$ or firmware or application)) same (DVD or CD) same player same (model or version)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/11 13:16
S102	46	("4709813"   "4710754"   "4967185"   "5128752"   "5305195"   "5305197"   "5347508"   "5353218"   "5410343"   "5420403"   "5483658"   "5568275"   "5651064"   "5673195"   "5696898"   "5751672"   "5802294"   "5804810"   "5822291"   "5857021"   "5860068"   "5892900"   "5892908"   "5893910"   "5895073"   "5899980"   "5915093"   "5920694"   "5930238"   "5940504"   "5960398"   "5991798"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/11 13:46

		"6006328"   "6009410"   "6012071"   "6016166"   "6018768"   "6034937"   "6035329"   "6044403"   "6055314"   "6097291"   "6097814"   "6101180"   "6128649"   "6182222").PN.		inanianianianianianianianianianianianian		
S103	24	S100	EPO; JPO	OR	OFF	2009/05/11 14:01
S104	1	"20070003219".pn.	US-PGPUB	OR	OFF	2009/05/11 14:26
S105	146	DVD same player same ((updat\$3 or version) near2 (firmware or firm-ware or software or program\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 14:53
S106	5	("20030135868"   "20030177497"   "20040163135"   "5309235"   "6157411").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/08 15:19
S107	1493	player same ((updat\$3 or version) near2 (firmware or firm-ware or software or program\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 15:54
S108	582	S107 and DVD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 15:55
S109	436	S108 not S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 15:55
S110	143	S109 and @ay<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/08 15:56
S111	2	"5710674".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/09 08:03
S112	1	"20070172196".pn.	US-PGPUB; USPAT	OR	OFF	2009/09/09 14:37
S113	1	epg same keyword\$ same delay\$ same end	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/09 14:55
S114	0	ipg same keyword\$ same delay\$ same end	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/09 14:55
S115	15	epg same keyword\$ same exten\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/09 14:56

S116	10	epg same keyword\$ same end same time same updat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/09 15:04
S117	15	epg same keyword\$ same exten\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/09 15:07
S118	48	epg same keyword\$ same end	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/09 15:08
S119	36	S118 not (S115 or S116)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/09 15:09

## **EAST Search History (Interference)**

< This search history is empty>

9/10/2009 9:58:18 AM

C:\ Documents and Settings\ dharvey\ My Documents\ EAST\ Workspaces\ 10-590198.1.wsp